

P1XXX

GMC

OBD2 CODE LIST

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www.obdadvisor.com
obdadvisor.scanner@gmail.com

Codes	Definition
P1101	Intake airflow -incorrect
P1106	Manifold absolute pressure (MAP) sensor voltage high, intermittent
P1107	Manifold absolute pressure (MAP) sensor voltage low, intermittent
P1111	Intake air temperature (IAT) sensor -voltage high,intermittent
P1112	Intake air temperature (IAT) sensor -voltage low,intermittent
P1114	Engine coolant temperature (ECT) sensor voltage low, intermittent
P1115	Engine coolant temperature (ECT) sensor voltage high, intermittent
P1120	Throttle motor position sensor 1 -circuit malfunction
P1121	Throttle position (TP) sensor -voltage high, intermittent
P1122	Throttle position (TP) sensor -voltage low,intermittent
P1125	Accelerator pedal position (APP) sensor 1/2/3 -signal variation
P1133	Oxygen sensor (O2S)/heated oxygen sensor(HO2S) 1, bank 1 -insufficient switching
P1134	Heated oxygen sensor (HO2S) 1, bank 1 slow response
P1137	Heated oxygen sensor (HO2S) 2, bank 1 voltage low
P1138	Heated oxygen sensor (HO2S) 2, bank 1 voltage high
P1153	Heated oxygen sensor (HO2S) 1, bank 2 insufficient switching
P1154	Heated oxygen sensor (HO2S) 1, bank 2 slow response
P1171	Fuel system -lean during acceleration
P1172	Fuel level sensors, primary & secondary sensor no fuel level change during fuel transfer from secondary to primary tank

P1174	Heated oxygen sensor (H02S) 1, bank 1 mixture variation between cylinders
P1175	Heated oxygen sensor (H02S) 1, bank 2 mixture variation between cylinders
P1191	Intake manifold system -air leak
P1214	Fuel injection pump timing -out of range
P1216	Fuel injection duration -pulse width signal shorter than expected
P1217	Fuel injection duration -pulse width signal longer than expected
P1218	Fuel injection pump calibration resistor-circuit malfunction
P1220	Throttle motor position sensor 1 -circuit malfunction
P1221	Fuel pump, run signal -circuit malfunction Throttle motor position sensor 2 -circuit malfunction
P1222	Fuel pump, run signal: "" circuit malfunction
P1223	Injector 1 -circuit malfunction
P1224	Injector 1 -circuit malfunction
P1226	Injector 2 -circuit malfunction
P1227	Injector 2 -circuit malfunction
P1229	Injector 3 -circuit malfunction
P122A	Injector 3 -circuit malfunction
P1232	Injector 4 -circuit malfunction
P1233	Injector 4 -circuit malfunction
P1235	Injector 5 -circuit malfunction
P1236	Injector 5 -circuit malfunction
P1238	Injector 6 -circuit malfunction
P1239	Injector 6 -circuit malfunction
P1241	Injector 7 -circuit malfunction
P1242	Injector 7 -circuit malfunction
P1244	Injector 8 -circuit malfunction

P1247	Injector 8 -circuit malfunction
P1255	Fuel pump control module -driver over-temperature
P1258	Engine overheating
P1261	Injectors 1, 4, 6 & 7 -high voltage
P1262	Injectors 2, 3, 5 & 8 -high voltage
P1270	Engine control module (ECM). APP sensor signal - analogue/digital process malfunction
P1271	Accelerator pedal position (APP) sensor 1/2 signal variation
P1272	Accelerator pedal position (APP) sensor 2/3signal variation
P1273	Accelerator pedal position (APP) sensor 1/3signal variation
P1275	Accelerator pedal position (APP) sensor 1 circuitmalfunction
P1276	Accelerator pedal position (APP) sensor 1 range performance
P1277	Accelerator pedal position (APP) sensor 1voltage low
P1278	Accelerator pedal position (APP) sensor 1 voltage high
P1280	Accelerator pedal pOSition (APP) sensor 2 circuit malfunction
P1281	Accelerator pedal position (APP) sensor 2 range performance
P1282	Accelerator pedal position (APP) sensor 2 voltage low
P1283	Accelerator pedal position (APP) sensor 2 voltage high
P1285	Accelerator pedal position (APP) sensor 3 circuit malfunction
P1286	Accelerator pedal position (APP) sensor 3 range performance
P1287	Accelerator pedal position (APP) sensor 3 voltage low
P1288	Accelerator pedal position (APP) sensor 3 voltage high
P1293	Injector control module -circuit malfunction bank 1
P1294	Injector control module -circuit malfunction bank 2
P1295	Injector control module -circuit malfunction bank 1

P1296	Injector control module -circuit malfunction bank 2
P1336	Crankshaft position (CKP) sensor -variation not learned
P1345	Crankshaft position (CKP) sensor/camshaft position (CMP) sensor -signal variation
P1351	Ignition control system, coil -voltage high
P1361	Ignition control system, IC circuit -voltage low
P1380	Antilock brake system (ABS)/traction control system (TCS), rough road signal to ECM -malfunction
P1381	Antilock brake system (ABS)/traction control system (TCS), rough road signal to ECM - no communication
P1400	Cold start emission control -malfunction
P1404	Exhaust gas recirculation (EGR) valve -not fully closing
P1406	Exhaust gas recirculation (EGR) valve position sensor range performance
P1409	Exhaust gas recirculation (EGR) system malfunction
P1415	Secondary air injection (AIR) system, bank 1
P1416	Secondary air injection (AIR) system, bank 2
P1431	Fuel level sensor, secondary -circuit malfunction
P1432	Fuel level sensor -low voltage
P1433	Fuel level sensor -high voltage
P1441	Evaporative emission (EVAP) system -leak detected
P1442	Evaporative emission (EVAP) system vacuum switch - circuit malfunction
P1481	Engine coolant fan speed sensor -signal loss
P1482	Engine coolant fan clutch solenoid -circuit malfunction
P1484	Engine coolant fan speed/engine speed -signal variation
P1504	Engine control module (ECM), vehicle speed sensor (VSS) output signal -circuit malfunction
P1508	Idle air control (IAC) valve -low rpm
P1509	Idle air control (IAC) valve -high rpm

P1512	Throttle command/actual throttle position -signals out of range
P1514	Throttle control unit, intake air flow -excessive
P1515	Throttle command/actual throttle position -signal variation
P1516	Throttle command/actual throttle position -signal variation
P1517	Throttle control module -malfunction
P1518	Throttle control module/engine control module (ECM) - communication malfunction
P1520	Park/neutral position (PNP) switch -circuit malfunction
P1523	Throttle control unit, throttle position during battery saving mode
P154A	Intake air heater -feedback circuit
P154B	Intake air heater -voltage signal circuit
P154C	Intake air heater -current signal circuit
P154D	Intake air heater -temperature signal circuit
P1550	System voltage low
P1571	Traction control system (TCS), torque request signal - malfunction
P1574	Brake pedal position (BPP) switch, voltage high
P1600	Engine control module (ECM) -malfunction
P1601	CAN data bus, engine control module (ECM)/ anti lock brake system (ABS)/ traction control system (TCS)/instrumentation control module/ diagnostic control module some communication lost
P1602	Engine control module (ECM) to antilock brake system (ABS)/ traction control system (TCS), CAN data bus - communication failure
P1621	Engine control module (ECM) -memory performance
P1626	Engine control module (ECM) -fuel enable signal lost
P1627	Engine control module (ECM) -malfunction

P1630	Engine control module (ECM), immobilizer code -learning mode
P1631	Engine control module (ECM) -incorrect immobilizer code System voltage low Engine control module (ECM) -fuel disable signal received
P1633	Engine control module (ECM), ignition supply voltage
P1634	Engine control module (ECM) -ignition supply voltage - voltage low
P1635	Engine control module (ECM), sensor supply voltage - circuit malfunction
P1637	Alternator warning lamp, control signal -circuit malfunction
P1638	Alternator 'F' terminal -circuit malfunction
P1639	Engine control module (ECM), sensor supply voltage - circuit malfunction
P1641	Malfunction indicator lamp (MIL) -circuitmalfunction
P1643	Glow plug warning lamp -circuit malfunction
P1644	Traction control system (TCS), delivered torque signal - malfunction
P1653	Exhaust gas recirculation (EGR) vent valve circuit malfunction
P1654	Service throttle soon warning lamp -circuit malfunction
P1655	Exhaust gas recirculation (EGR) control valve -circuit malfunction
P1656	Turbocharger (TC) wastegate regulating valve -circuit malfunction
P1658	Fuel injector control module (FICM) malfunction
P1665	Fuel level sensor -signal malfunction
P1668	Alternator 'I' terminal -circuit malfunction
P1680	Engine control module (ECM) -malfunction
P1681	Engine control module (ECM) -malfunction

P1682	Engine control module (ECM) -ignition powersupply less than 10 V
P1683	Engine control module (ECM) -malfunction
P1687	Fuel injector control module (FICM) -stuck on
P1688	Engine control module (ECM), torque reduction signal -out of range
P1689	Traction control system (TCS), delivered torquesignal - malfunction
P16F3	Engine control module -redundant memoryperformance
P1779	Engine control module (ECM), torque reduction signal -out of range
P1781	Transmission control module (TCM), MIL requestsignal - voltage high/low
P1810	Transmission gear pressure switch, signal -circuit malfunction
P1811	Shift time too long -adaptation limit reached
P1812	Transmission fluid temperature (TFT) high
P1815	Transmission fluid pressure (TFP) switch -invalid gear selection
P1816	Transmission fluid pressure (TFP) switch -invalid gear selection
P1860	Torque converter clutch (TCC) solenoid, pulsewidth modulation (PWM) -circuit malfunction
P1864	Torque converter clutch (TCC) solenoid -circuit malfunction
P1870	Torque converter clutch (TCC) -slip speed excessive
P1875	Transmission, 4WD low selection signal -circuit malfunction
P1886	Transmission 3rd-2nd control solenoid -circuitmalfunction
P3400	Cylinder cut-out system -malfunction
P3401	Cylinder cut-out solenoid, cylinder 1 malfunction
P3425	Cylinder cut-out solenoid , cylinder 4 malfunction

P3441	Cylinder cut-out solenoid, cylinder 6 malfunction
P3449	Cylinder cut-out solenoid, cylinder 7 malfunction
U1026	Transmission control module (TCM)/four wheeldrive control module, CAN data bus - communication malfunction
U1041	Antilock brake system (ABS)/traction controlsystem (TCS), CAN data bus -communicationmalfunction
U1064	Body control module (BCM)/immobilizer controlmodule, CAN data bus -communication malfunction
U1192	Engine control module (ECM)l immobilizer control module, CAN data bus -signal malfunction
U1193	Engine control module (ECM)l immobilizer control module, CAN data bus -signal malfunction
U1800	Engine control module (ECM)/fuel injector control module (FICM), CAN data bus - communication malfunction
U2104	Engine control module (ECM)/transmission control module (TCM)/Fuel injector control module (FICM), CAN data bus communication malfunction